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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/040,244

DATE: 06/25/2002
TIME: 10:13:24

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\06252002\J040244.raw

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 3 <110> APPLICANT: KIRIN BEER KABUSHIKI KAISHA
 4        FORCE, WALKER F.
 5        TAKAHASHI, NOBUAKI
 6        MIKAYAMA, TOSHIFUMI
 8 <120> TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF HIGHLY ACTIVE ANTI-CD40
ANTIBODY
10 <130> FILE REFERENCE: 021286/0272501
12 <140> CURRENT APPLICATION NUMBER: 10/040,244
C--> 13 <141> CURRENT FILING DATE: 2002-06-17
15 <150> PRIOR APPLICATION NUMBER: 60/200,601
W--> 16 <151> PRIOR FILING DATE: 2000-4-28
18 <150> PRIOR APPLICATION NUMBER: PCT/US01/13672
19 <151> PRIOR FILING DATE: 2001-04-27
21 <150> PRIOR APPLICATION NUMBER: 09/844,684
22 <151> PRIOR FILING DATE: 2001-04-27
24 <160> NUMBER OF SEQ ID NOS: 17
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30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
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53 <211> LENGTH: 26
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55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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63 <210> SEQ ID NO: 4
64 <211> LENGTH: 26
65 <212> TYPE: DNA
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69 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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93 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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104 <220> FEATURE:
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132        tatcccgtac ggttgatctc caccttggtc                       30
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143       agttcagcct ggggggtccc tgagactctc ctgtgcagtc tctggattca ccttcagtac 180
144       ctactggatg cactgggtcc gccaagctcc agggaagggg ctggtgtggg tctcacgtat 240
145       taatagtgat gggagtagca caacctacgc ggactccgtg aagggccgat tcaccatctc 300
146       cagagacaac gccaagaaca cgctgtatct gcaaatgaac agtctgagag ccgaggacac 360
147       ggctgtgtat tactgtgcaa gagatagagt actatggatc ggggagttat cctactacgg 420
148       tatggacgtc tggggccaag gaccacggt caccgtctcc tcagctagca ccaagggccc 480
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153 <211> LENGTH: 698
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 11
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160       caccctgtct gcatctgtag gagacagagt caccatcact tgccgggcca gtcagagtat 180
161       tagtaactgg ttggcctggt atcagcagaa accagggaaa gcccctaagc tcctgctcta 240
162       taaggcatct ggtttagaaa gtggggtccc atcaaggttc agcggcagtg gatctgggac 300
163       agaattcact ctcaccatca acagcctgca gcctgatgat tttgcaactt attactgcca 360
164       acagtctaat agttattcgt ggacgttcgg ccacgggacc aaggtggaaa tcaaacgtac 420
165       ggtggctgca ccatctgtct tcatcttccc gccatctgat gagcagttga aatctggaac 480
166       tgcctctgtt gtgtgcctgc tgaataactt ctatcccaga gaggccaaag tacagtggaa 540
167       ggtggataac gccctccaat cgggtaactc ccaggagagt gtcacagagc aggacagcaa 600
168       ggacagcacc tacagcctca gcagcaccct gacgctgagc aaagcagact acgagaaaca 660
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173 <211> LENGTH: 580
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175 <213> ORGANISM: Homo sapiens
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179       tgtggctatt ttaaaaggtg tccagtgtga ggtgcagctg ttggagtctg ggggaggctt 120
180       ggtacagcct ggggggtccc tgagactctc ctgtgcagcc tctggattcg cctttagcag 180
181       ctatgccatg agctgggtcc gccaggctcc agggaagggg ctggagtggg tctcagctat 240
182       tagtggtagt ggtggtagca catactacgc agactccgtg aagggccggt tcaccatctc 300
183       cagagacaat tccaagaaca cgctgtatct gcaaatgaac agcctgagag ccgaggacac 360
184       ggccgtatat tactgtgcga aagatggggg gtactatggt cggggagtt atgggtactt 420
185       tgactactgg ggccagggaa ccctggtcac cgtctcctca gctagcacca agggcccatc 480
186       ggtcttcccc ctggcaccct cctccaagag cacctctggg ggcacagcgg ccctgggctg 540
187       cctggtcaag gactacttcc ccgaaccggt gacggtgtcg 580
190 <210> SEQ ID NO: 13
191 <211> LENGTH: 716
192 <212> TYPE: DNA
193 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 13
196       caacgcagag tacgcgggga ggagtcagac ccagtcagga cacagcatgg acatgagggt 60
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198        gatgacccag tctccatctt ccgtgtctgc atctgcagga gacagagtca ccatcacttg 180
199        tcgggcgagt cagggtatta gcagctggtt agcctggtat caacagaaac cagggaaagc 240
200        ccctaagctc ctgatctatg ctggatccag tttgcaaagt ggggtcccat caaggttcag 300
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202        tgcaacttac tattgtcaac aggctagcag tttccctcgg acgttcggcc aagggaccaa 420
203        ggtggagatc aaacgtacgg tggctgcacc atctgtcttc atcttcccgc catctgatga 480
204        gcagttgaaa tctggaactg cctctgttgt gtgcctgctg aataacttct atcccagaga 540
205        ggccaaagta cagtggaagg tggataacgc cctccaatcg ggtaactccc aggagagtgt 600
206        cacagagcag gacagcaagg acagcaccta cagcctcagc agcaccctga cgctgagcaa 660
207        agcagactac gagaaacaca agtctacgc ctgcgaagtc acccatcagg gcctga    716
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211 <211> LENGTH: 630
212 <212> TYPE: DNA
213 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 14
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217        ccgtcgacgg tgatcaggac tgaacagaga gaactcacca tggagtttgg gctgagctgg 120
218        ctttttcttg tggctatttt aaaaggtgtc cagtgtgagg tgcagctgtt ggagtctggg 180
219        ggaggcttgg tacagcctgg ggggtccctg agactctcct gtgcagcctc tggattcacc 240
220        tttagcagct atgccatgag ctgggtccgc caggctccag ggaaggggct ggagtgggtc 300
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223        gaggacacgg ccgtatatta ctgtgcgaaa gatggggggt actatggttc ggggagttat 480
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230 <211> LENGTH: 728
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236        ggacatgagg gtccccgctc agctcctggg gctcctgctg ctctggttcc caggttccag 120
237        atgcgacatc cagatgaccc agtctccatc ttccgtgtct ggatctgtag gagacagagt 180
238        caccatcact tgtcgggcga gtcagggtat tagcagctgg ttagcctggt atcagcagaa 240
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242        ccaagggacc aaggtggaga tcaaacgtac ggtggctgca ccatctgtct tcatcttccc 480
243        gccatctgat gagcagttga atctggaac tgcctctgtt gtgtgcctgc tgaataactt 540
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245        ccaggagagt gtcacagagc aggacagcaa ggacagcacc tacagcctca gcagcaccct 660
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247        gggcctga    728
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253 <213> ORGANISM: Homo sapiens
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260                    20                  25                  30
261        Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
262             35                  40                  45
263        Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
264             50                  55                  60
265        Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
266        65                  70                  75                  80
267        Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
268                    85                  90                  95
269        Ala Lys Asp Gly Gly Tyr Tyr Gly Ser Gly Ser Tyr Gly Tyr Phe Asp
270                    100                 105                 110
271        Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
272                    115                 120
275 <210> SEQ ID NO: 17
276 <211> LENGTH: 106
277 <212> TYPE: PRT
278 <213> ORGANISM: Homo sapiens
280 <400> SEQUENCE: 17
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284        Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
285                    20                  25                  30
286        Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
287                    35                  40                  45
288        Tyr Ala Gly Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
289             50                  55                  60
290        Ser Gly Phe Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
291        65                  70                  75                  80
292        Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ala Ser Ser Phe Pro Arg
293                    85                  90                  95
294        Thr Phe Gln Gly Thr Lys Val Glu Ile Lys
295                    100                 105
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